## **SIEMENS**

## **Data sheet**



mushroom pushbutton, 22 mm, round, metal, shiny, black, 40 mm, with lock Siemens, lock no. VL5, positive latching, according to DIN EN ISO 13850, key-operated release, Z=50-unit packaging

product brand name	SIRIUS ACT
product designation	Mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	positive latching
principle of operation of the actuating element	latching
product extension optional light source	No
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	40 mm
type of unlocking device	Unlocking
number of switching positions	2
Front ring	
product component front ring	No
design of the front ring	without
General technical data	
product function	
EMERGENCY OFF function	No
	140
EMERGENCY STOP function	No
EMERGENCY STOP function	No
EMERGENCY STOP function     protection class IP	No IP66, IP67, IP69(IP69K)
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating	No IP66, IP67, IP69(IP69K)
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance      according to IEC 60068-2-27	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms 10 500 Hz: 5g
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6  operating frequency maximum	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms 10 500 Hz: 5g 600 1/h
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms 10 500 Hz: 5g 600 1/h 300 000
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical reference code according to IEC 81346-2	No IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g 600 1/h 300 000 S
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	No IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g 600 1/h 300 000 S
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical reference code according to IEC 81346-2  Substance Prohibitance (Date)  Safety related data	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g 600 1/h 300 000 S 10/01/2014
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance     according to IEC 60068-2-27  vibration resistance     according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Safety related data  B10 value with high demand rate according to SN 31920	No IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g 600 1/h 300 000 S 10/01/2014
EMERGENCY STOP function  protection class IP  degree of protection NEMA rating  shock resistance	No IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g 600 1/h 300 000 S 10/01/2014

Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)
Installation/ mounting/ dimensions	
height	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	85.1 mm
installation width	40 mm
installation depth	26.3 mm
Certificates/ approvals	
Further information	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-1HU10-0AA0-Z X90

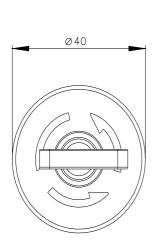
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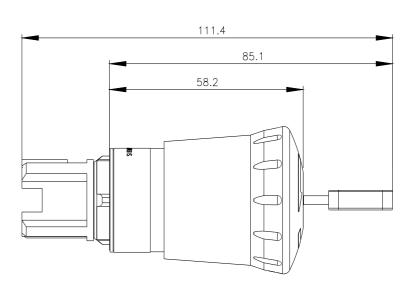
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1HU10-0AA0-Z X90

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1HU10-0AA0-

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-1HU10-0AA0-Z X90&lang=en





last modified: 1/27/2022 🖸